



# HOSTED EMAIL ANTIVIRUS

## ANALYST VIEW

MessageLabs is positioned in the “Leader” quadrant in the Magic Quadrant for E-mail Security Boundaries.

Gartner defines “Leaders” as vendors that are performing well today, have a clear vision of market direction and are actively seeking competencies to sustain their leadership position in the market.

Gartner Magic Quadrant for E-mail Security Boundaries, by Arabella Hallawell, Peter Firstbrook.

## THE MESSAGELABS DIFFERENCE

- 100% protection against both known and unknown viruses
- Incorporates Skeptic™ technology, which has pioneered predictive detection since 1999
- Offers a comprehensive range of Service Level Agreements, covering anti-virus, service availability, fault response and email latency
- Unique ‘Link following’ feature (scanning of URLs within emails for potential links to malware), providing an additional layer of protection for your business

\* Source: MessageLabs Intelligence: 2008 Annual Report. The Gartner Magic Quadrant is copyrighted September, 2008 by Gartner, Inc., and is reused with permission. The Magic Quadrant is a graphical representation of a marketplace at and for a specific time period. It depicts Gartner’s analysis of how certain vendors measure against criteria for that marketplace, as defined by Gartner. Gartner does not endorse any vendor, product or service depicted in the Magic Quadrant, and does not advise technology users to select only those vendors placed in the “Leaders” quadrant. The Magic Quadrant is intended solely as a research tool, and is not meant to be a specific guide to action. Gartner disclaims all warranties, express or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.

## HOW CAN YOU BE CERTAIN YOUR EMAIL IS PROTECTED FROM VIRUSES?

Every day, organizations face potential communication, operational and intellectual property disruption from email-borne threats, such as viruses, trojans, spyware, and phishing. Without effective defences, these disruptions can create significant costs and losses.

Email threats have evolved, going beyond viruses and spam alone. Virus, spam and spyware writers are now taking advantage of each other’s methods. For example, in 2008, botnets (trojan virus infected computer networks) were responsible for around 90% of all spam emails. Nearly one in 300 emails today contains malware.\* Some attacks are so targeted that they never appear on the anti-virus industry radar and are not properly identified or stopped by standard signature-based anti-virus scanners.

The MessageLabs Email Anti-Virus service provides protection for your business from email-borne threats and offers a service level agreement for 100% protection from known and unknown viruses. Because it is a hosted service, updates are continuous and automatic, there’s no software to manage, and costs are predictable.

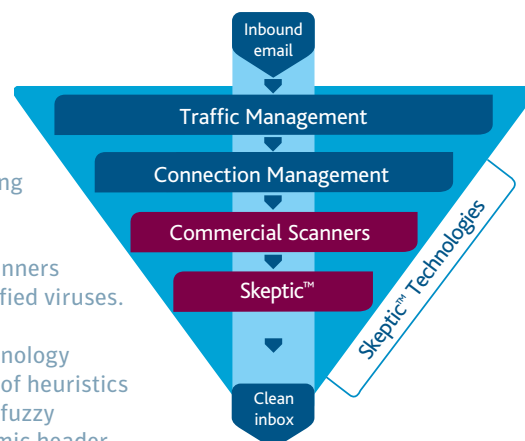
Our architecture combines multiple third party scanning engines with proprietary Skeptic™ technologies for superior protection. Traffic management slows down bad traffic at the TCP/IP layer, while connection management uses heuristics to block unwanted email at the connection layer and prevents attacks at the user layer. In addition, threat intelligence from our Web Security and IM Security services allow us to detect and protect against converged threats that span multiple protocols. The result is regained bandwidth, increased threat protection and a cleaner connection.

## VIRUS DEFENSES – THE MESSAGELABS MULTI-LAYERED SOLUTION

Traffic and connection Management identify, slow and reject infected or suspected virus bearing email.

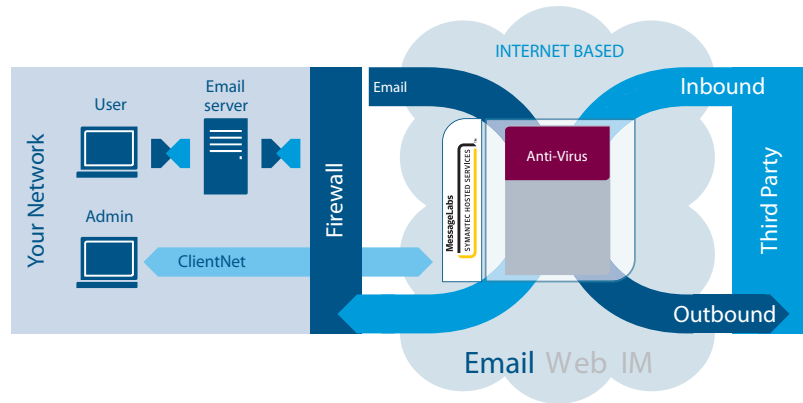
Multiple commercial scanners detect known and identified viruses.

Skeptic™ predictive technology incorporates thousands of heuristics rules, smart signatures, fuzzy fingerprinting and dynamic header analysis to identify unknown and new viruses.



## HOW THE SERVICE WORKS

- MessageLabs clients point their Mail Exchange (MX) records to MessageLabs
- Inbound and outbound email is directed via MessageLabs, where it is scanned
- Skeptic™ provides a vital layer of security, identifying and stopping new or unknown threats
- Email containing a virus is blocked and quarantined for 30 days, and the recipient is notified
- ‘Link following’ checks all web pages referenced within an email for viruses and other threats; email is blocked if malware is found on those web sites
- If a suspicious link is confirmed as viral, a signature is created and further emails containing that link are treated as being infected with a virus; any email containing a confirmed viral link is quarantined



Operating at the Internet level, the service combines multiple leading commercial scanners with our own proprietary Skeptic™ predictive technology, which provides protection against emerging threats before they compromise your network.

6.4 billion emails per day are processed by MessageLabs, and the intelligence gathered from this window on the world’s email traffic provides clients with enhanced protection from emerging threats.

Through its ‘link following’ capability, Email Anti-Virus service also offers you protection against positively-identified viral URL links contained within emails.

## SERVICE LEVEL AGREEMENTS

- Anti-Virus Protection - 100% protection against known and unknown viruses
- Virus False Positives - 0.0001% false positive capture rate
- Delivery - 100% email delivery guarantee
- Latency - Average roundtrip time of email delivery occurs in less than 60 seconds
- Service Availability - 100% uptime
- Technical Support / Fault Response - guaranteed response times for critical, major, and minor calls

Continuous, automatic updates are performed across our network via the service’s global database replication architecture. The result is comprehensive zero-hour protection, long before traditional anti-virus signatures are available.

Backed by a comprehensive Service Level Agreement, MessageLabs provides money back remedies if service performance levels are not met. Maintained around the clock in a global infrastructure, Email Anti-Virus delivers a secure, flexible and reliable hosted solution.

## NEXT STEPS

Contact a product specialist:  
 UK: +44 800 917 7733  
 info@messagelabs.com

For other country offices and contact numbers, please visit:  
[www.messagelabs.co.uk/contact](http://www.messagelabs.co.uk/contact)

FEATURES	BENEFITS
Multiple layers of defense technologies, with email-borne threats managed away from your network	Saves time and resources wasted dealing with outbreaks and clean-up, and protects corporate bandwidth for web, VoIP and other critical systems
Proprietary Skeptic™ heuristics technologies	Ensures effective protection against new and unidentified virus threats
‘Link following’ technology checks every URL within emails for threats	Provides comprehensive protection against converging threats & techniques
Fully configurable, with a range of actions for identified threats	Allows administrators to set and enforce or devolve flexible, customized policies suited to your organization’s specific needs
Aggressive Service Level Agreement	Gives you reassurance and allows you to focus on business growth
Dashboard, summary, detailed and scheduled reporting	Provides visibility, accountability and confidence in the service’s effectiveness with detailed reports on virus volume and prevented attacks



Confidence in a connected world.